

REMARKS/ARGUMENT

Claims 1-23, and 35-36 are pending in the present application following entry of the presently proposed Amendment. Independent claims 1, 12, and 20 are herein proposed to be amended as described below. Examiner is directed to page 7, lines 17-23, and page 21, lines 5-7, for support of the presently proposed amendments to claims 1, 12, and 20. The presently proposed amendments are submitted to be proper and appropriate for entry after final since no new matter is introduced, no additional search is required, and the amendments place the application in condition for allowance.

Applicant is filing this response within two months of the date of mailing of the Final Office Action in conformance with MPEP Section 714.13. A response in accordance with this section is kindly requested.

Rejections under 35 USC §102

Claims 1-3, 8-18, and 20-22 were rejected under 35 U.S.C. §102(b) as being anticipated by *Symbios Inc.*, PCI SCSI Device Management System SDMS 4.0, 1998 (*Symbios*). This rejection is respectfully traversed, and Applicant requests reconsideration in light of proposed claim amendments and the following argument.

Proposed claim amendments more clearly recite that the configuration settings, once saved to a temporary location or to the system registry, are read during the rebooting of the computer and written to the EEPROM or non-volatile memory of the host adapter during the rebooting. Further, the proposed amendments positively recite the features of the graphical user interface providing the look and feel of system components being visible and accessible through the operating system of the computer. Applicant respectfully submits that these features and the invention as claimed is neither taught nor suggested by the prior art of record.

In order for a reference to anticipate a claim, each and every element as set forth in the claim must be found in the reference, either expressly or inherently described. MPEP 2131. Applicant respectfully submits that the *Symbios* reference fails to anticipate Applicant's independent claims 1, 12, and 20, as proposed to be amended herein, and likewise fails to anticipate each of the dependent claims 2-3, 8-11, 13-18, and 21-22, depending therefrom.

The *Symbios* reference discloses a utility program for configuration and management of a *Symbios* SCSI host adapter. The utility program works in conjunction with the *Symbios* Windows NT Flint driver to provide specified configuration functions. As disclosed on page 5-24, "only a limited number of the configuration parameters that can be changed by this utility will have any impact on the system once rebooted. These parameters are: SCSI ID of the computer; wide data bits setting; and synchronous rate." Although a powerful tool in that it enables some system level changes with regard to the *Symbios* host adapter and driver, the configuration utility is little more than the standard utility program that would be expected to ship with any card, board, or other hardware device to be configured to a computer system.

In the instant application, Applicant claims a method and system for enabling access to effect configuration and management settings and adjustments of a host adapter and of the devices connected thereto. The method is implemented to provide the look and feel of any other system component visible and accessible through the operating system, so access to both host adapter and components configured thereto is enabled through such Windows™ system applications as Control Panel, My Computer, Windows Explorer, and Internet Explorer. Just as any of a plurality of hardware components are "selectable" within these environments, hardware components such as modems, network interface cards, hard drives, optical media drives, and the like, embodiments of the present invention are presented with the look and feel of any other system component that is visible and accessible through the operating system to enable access to the host adapter, as well as any device connected to the host adapter. Therefore, if a user desires to make a configuration change to a system component, *i.e.*, a modem attached to a SCSI board, the user can go to a system configuration area or group on his computer to make the changes and select the card and device, and enter the changes. In the past, such configuration changes could only be made by entering a set-up menu during system boot, and later, with the aid of configuration utility programs associated with specific cards, devices, etc.

In an example of an implementation of the present invention, a host adapter may be configured to a system and have three devices connected thereto (see Figure 3D of Applicant's application as filed). Embodiments of the present invention not only provide for access to the host adapter itself to manage, trouble shoot, and configure as necessary (See Figures 3D-3G), but also provide access to configure and manage the devices themselves which are connected to the host adapter (see Figures 3H and 3I). The look and feel of system components visible and

accessible through the operating system is illustrated by access being provided through a plurality of alternative routes such as, for example, Control Panel (see Figures 2A-2C), My Computer (see Figure 3A), Windows Explorer (see Figures 3B-3C), and Internet Explorer (see Figures 4A, 4B). See also Figure 5.

In contrast, the *Symbios* reference teaches a typical utility configuration program for a very specific and limited application. A user would have to launch the *Symbios* utility configuration program to effect any configuration changes, and those changes are limited to a very few types, and with a number of pre-conditions for ability to enter any changes. The launching of a separate, specific configuration utility program does not provide the look and feel of visibility and accessibility through the operating system. The *Symbios* reference does not teach a method as claimed by Applicant.

In other examples, Applicant has claimed storage to a registry key (claim 12), and writing the user selections from the storage location to the EEPROM (claim 20). The *Symbios* reference discloses that one or more Symbios SCSI host adapters installed in the system must have NVRAM in order for the utility to be operable, which at least teaches away from a registry key, and further does not disclose flashing the configuration changes to an EEPROM. The *Symbios* reference therefore does not teach each and every element as set forth in Applicant's independent claims 1, 12, and 20, either expressly or inherently described.

For at least the above reasons, Applicant submits that the *Symbios* reference fails to teach each and every element as set forth in Applicant's independent claims 1, 12 and 20, as proposed to be amended herein. Consequently, the reference fails to teach each and every element of dependent claims 2-3, 8-11, 13-18, and 21-22, each of which depends, directly or indirectly, from one of independent claims 1, 12 and 20. Applicant therefore submits that, upon entry of the presently proposed amendment, the *Symbios* reference fails to anticipate Applicant's claims 1-3, 8-18, 20-22 as proposed to be amended herein, and requests that the §102 rejection be withdrawn.

Rejections under 35 USC §103

Claims 4-7, 19, 23, and 35-36 were rejected under 35 USC §103(a) as being unpatentable over *Symbios* in view of *Sun™ StorEdge™ (Sun)*, A5000 Installation Guide, for Windows NT

Server 4.0. Applicant respectfully traverses this rejection, and requests reconsideration in light of proposed claim amendments and argument.

In asserting the §103 rejection, the Office essentially states that the *Symbios* reference teaches all of the claimed features except for the use of an icon as recited in claims 4-7, 19 and 23. The *Sun* reference is used to modify the *Symbios* reference to incorporate the use of an icon, and for no additional feature, element, or purpose. Applicant respectfully submits that, even if the *Symbios* reference is modified as suggested, the reference still fails to teach or suggest all the claim features. As described above in reference to the §102 rejection, the *Symbios* reference fails to teach or suggest all the claim features of independent claims 1, 12, or 20, and therefore *Symbios* in view of *Sun* fails to teach or suggest all of the features claimed in dependent claims 4-7, 19, and 23, each of which depends directly or indirectly from one of independent claims 1, 12, and 20.

Regarding claims 35-36, the Office cites only to the *Symbios* reference, and therefore Applicant submits that for at least the reasons that *Symbios* fails to teach or suggest Applicant's independent claims 1 and 12, the combination of *Symbios* in view of *Sun* fails to teach or suggest Applicant's dependent claims 35-36, which depend directly or indirectly from one of independent claims 1 and 12.

For at least the above reasons, Applicant respectfully submits that the *Symbios* reference, as modified by *Sun*, fails to teach or suggest all the claim features of Applicant's independent claims 1, 12, and 20. Consequently, the *Symbios* reference, as modified by *Sun*, fails to teach or suggest all the claim features of Applicant's dependent claims 4-7, 19, 23, and 35-36 each of which depends, directly or indirectly, from one of independent claims 1, 12 and 20. Applicant therefore requests that these rejections be withdrawn.


Applicant further submits that entry of the proposed amendment after final is proper and warranted as the proposed claim amendments introduce no new matter, do not require additional search, and the proposed amendments place the application in condition for allowance, or at least reduce the issues on appeal should appeal be warranted. Applicant therefore respectfully requests that the presently proposed amendment be entered.

In view of the foregoing, Applicant respectfully requests reconsideration of claims 1-23, and 35-36, as proposed to be amended herein. Applicants submit that all claims are in condition for allowance. Accordingly, a notice of allowance is respectfully requested. If Examiner has any

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questions concerning the present Amendment, the Examiner is kindly requested to contact the undersigned at (408) 749-6900, ext. 6905. If any additional fees are due in connection with filing this amendment, the Commissioner is also authorized to charge Deposit Account No. 50-0805 (Order No. ADAPP141). A copy of the transmittal is enclosed for this purpose.

Respectfully submitted,
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A handwritten signature in black ink, appearing to read "Rick von Wohld".

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